

REMARKS

Reconsideration and favorable action with respect to this application, based on this amendment and the following remarks, are respectfully requested. A Petition for an extension of time for one (1) month is submitted herewith, thereby extending the period for response to July 18, 2005. Claims 1 through 18 remain in this case. Independent Claims 1 and 10 are amended.

Specification

The Specification is revised on pages 8 and 12 to correct two typographical matters. In the first, the indication of “_t” is changed to “Z_t”; in the second, “produced” is changed to “produce”.

Claims

Claim 1 is rejected under 35 USC § 102(b) as being anticipated by Wang. However, claim 1 is amended to recite, among other things, “a sequencer apparatus coupled to said first and second SISO decoders, said sequencer apparatus having an input for receiving information about one of said wireless communication channels, said sequencer apparatus responsive to said wireless communication channel information for controlling said SISO decoders such that said first SISO decoder is controllable in response to the sequencer apparatus to perform its associated decoding operation before said second SISO decoder performs its associated decoding operation and such that said second SISO decoder is controllable in response to the sequencer apparatus to perform its associated decoding operation before said first SISO decoder performs its associated decoding operation.”

Antecedent support for the claim 1 amendment may be found, by way of example, in the Specification at page 11, lines 18-21, which state the following:

FIGURE 5 assumes that the SISO decoder 35 is selected to operate first and begin the iterative process. However, the SISO 36 could also be selected to operate first and begin the iterative process, and this possibility is therefore indicated by the parenthetical expressions in FIGURE 5.

Additional antecedent support for the claim 1 amendment may be found, by way of example, in the Specification from page 13, line 1, forward, in the discussion of Figures 7, 8, 9 and 10.

In contrast to the preceding, the recited Wang reference does not illustrate, teach, nor suggest the structure and functionality recited in amended claim 1. Accordingly, Applicants submit that amended claim 1, and its dependent claims 2 through 9, are all allowable.

Independent claim 10 and its dependent claims 11 through 18 are rejected for the same reason as independent claim 1, namely, under §102(b) as anticipated by Wang. Claim 10 is amended to include language comparable to the amendments to claim 1 and, thus, for the reasons set forth above, Applicants respectfully submit that claim 10, and its dependent claims 11 through 18, are also allowable.

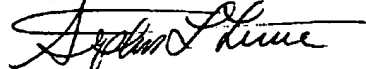
The prior art cited by the Examiner as pertinent, but not applied, has been considered but is not considered to be within the scope of the claims now in this case.

Conclusion, Petition, and Fees

A Petition for an extension of time for one (1) month is submitted herewith, along with authority to charge the petition fee (and any other necessary fee(s)) to Deposit Account 20-0668 of Texas Instruments Incorporated.

For the above reasons, Applicants respectfully submit that all claims now in this case are in condition for allowance. Reconsideration and favorable action with respect to this application is therefore respectfully requested.

Respectfully submitted,



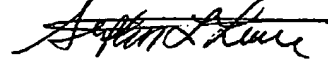
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CERTIFICATE OF FACSIMILE TRANSMISSION

37 C.F.R. 1.8

The undersigned hereby certifies that this correspondence is being
facsimile transmitted to the Office central facsimile number,
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